

Claims

1. A method of recovering a liquid medium which comprises compulsorily contacting the liquid medium with a gas to gasify the liquid medium, and condensing the gasified
5 medium.
2. The recovering method according to Claim 1, wherein a gas separated from the medium by condensation is used as the gas to be compulsorily contacted with the liquid medium.
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3. The recovering method according to Claim 1 or 2, wherein gasification is carried out at a temperature of the boiling point or lower of the liquid medium when the liquid medium is gasified.
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4. A recovering device of a liquid medium which comprises a gasifying portion in which a gas is compulsorily contacted with the liquid medium to gasify the medium, and a condensing portion in which the gasified medium at the
20 gasified portion is condensed.
5. A recovering device of a liquid medium which comprises a gasifying portion in which a gas is compulsorily contacted with the liquid medium to gasify the liquid medium, a condensing portion in which the gasified medium at the gasified portion is condensed and a separated gas feeding portion in which a separated gas separated by
25 condensation at the condensing portion is fed to the gasifying portion as a gas to compulsorily contact with the
30 liquid medium.
6. A recovering device of a liquid medium which comprises:
a gasifying means for gasifying a liquid medium by contacting a gas to a mixed liquid containing a liquid
35 medium and a non-volatile substance(s),
a condensing and separating means for separating the

condensed medium and a separated gas by cooling the gas and the gasified medium fed from the above-mentioned gasifying means, and

5 a gas feeding means for feeding the separated gas to the gasifying means as the gas.

7. The liquid medium recovering device according to Claim 6, wherein the condensing and separating means comprises a first condensing means for condensing the gasified medium 10 by cooling, and a second condensing means for condensing the gasified medium passed through the first condensing means by further cooling.

8. The liquid medium recovering device according to Claim 15 6 or 7, which further comprises a temperature-maintaining and heating means of the gasifying means.

9. The liquid medium recovering device according to any one of Claims 6 to 8, which further comprises a supplying 20 means for feeding the gasified medium generated by the gasifying means to the gasifying means as the gas.

10. The liquid medium recovering device according to any one of Claims 6 to 9, wherein the gasifying means is to 25 gasify the medium by blowing the gas to the liquid medium and to simultaneously concentrate the mixed liquid containing the liquid medium.